BOSTER BIOLOGICAL TECHNOLOGY, LTD.

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www.bosterbio.com

Boster Biotech Certificate of Analysis

Note: this is a sample COA. To get the COA for your lot #, please contact us at support@bosterbio.com

To whom it may concern,

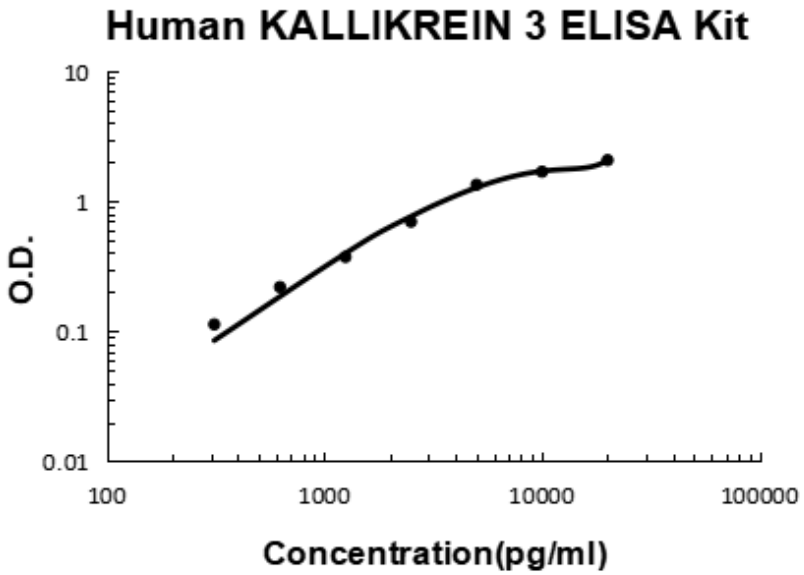
This letter attests that Human Prostate-specific antigen ELISA kit (PSA/KLK3) ELISA Kit, catalog # EK0816, Lot # (this is SAMPLE COA) is manufactured by Boster Biological Technology, Ltd; through test and assay, we got the following data:

1. Typical Data

The following data were obtained for the various standards over the range of 312 pg/ml - 20000 pg/ml Human Prostate-specific antigen ELISA kit (PSA/KLK3) , plus the blank well.

Concentration (pg/ml)	0	312	625	1250	2500	5000	10000	20000
O.D.	0.005	0.118	0.224	0.378	0.702	1.346	1.694	2.078

Standard Curve



2. **Intra-Assay Precision** Samples of known Human Prostate-specific antigen ELISA kit (PSA/KLK3) concentration were assayed in replicates of 16 to determine precision within an assay.

The %CV (Coefficient of Variation) of intra-assay is < 10%

3. **Inter-Assay Precision** Samples were assayed 48 times in multiple assays to determine precision between assays.

The %CV (Coefficient of Variation) of inter-assay is < 10%

4. **Sensitivity** The minimum detectable dose of Human Prostate-specific antigen ELISA kit (PSA/KLK3) is<10 pg/ml. This was determined by adding two standard deviations to the mean O.D. Obtained when the zero standard was assayed 30 times.

5. **Expiration Date** Since the manufacture date for this kit is May 13, 2016, so, it can be stored at 4 degree for 6 months (November 13, 2016), and at -20 degree for 8 months (May 13, 2017). Note: these dates are demo data and not corresponding to the lot you are going to purchase. To get the COA for your particular lot, please contact us at support@bosterbi.com

Approved by:



Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016